

Appendix B

Acronyms



GODDARD SPACE FLIGHT CENTER

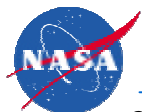
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Acronyms

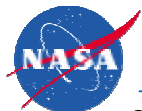
AAAS	American Association for the Advancement of Science	DOE	Department of Energy
ACE	Advanced Composition Explorer	EIT	Extreme Ultraviolet Imaging Telescope
AFRL	Air Force Research Laboratory	ELV	Expendable Launch Vehicle
ALARA	As Low As Reasonably Achievable	EELV	Evolved Expendable Launch Vehicle
ASTC	Association of Science and Technology Centers	ERC	Electronics Radiation Characterization
AU	Astronomical Unit	EUV	Extreme Ultraviolet
C&DH	Command & Data Handling	EVA	Extravehicular Activity
CCMC	Community Coordinated Modeling Center	FAA	Federal Aviation Administration
CCSDS	Consultative Committee on Space Data Systems	FSS	Far Side Sentinel
CIR	Co-rotating Interaction Region	GCR	Galactic Cosmic Ray
CME	Coronal Mass Ejection	GEC	Geospace Electrodynamics Connections
CMOS	Complementary Metal Oxide Substrate	GEO	Geosynchronous Orbit
CNES	Centre National d'Etude Spatiales	GOES	Geostationary Operational Environmental Satellite
COTS	Commercial Off-the-Shelf	GPS	Global Positioning System
DoD	Department of Defense	GSFC	Goddard Space Flight Center
		GTO	Geosynchronous Transfer Orbit
		HESSI	High Energy Solar Spectroscopic Imager
		HF	High Frequency
		HZEs	High-Z (atomic number) and High-Energy Particles





Acronyms (cont.)

IHS	Inner Heliospheric Sentinels	NSWP	National Space Weather Program
IM	Ionospheric Mappers	OBC	On-board Computer
IMAGE	Imager for Magnetopause-to-Aurora Global Exploration	OFCM	Office of the Federal Coordinator of Meteorology
ISS	International Space Station	OSHA	Occupational Safety and Health Administration
LASCO	Large Angle and Spectrometric Coronagraph	OSS	Office of Space Science
LORAN	Long Range Radio Navigation System	PI	Principal Investigator
LWS	Living With a Star	R&D	Research and Development
MagCon	Magnetospheric Constellation	RBM	Radiation Belt Mappers
MHD	Magneto-hydrodynamics	RF	Radio Frequency
MMS	Magnetospheric Multiscale	RSDO	Rapid Spacecraft Development Office
MOC	Mission Operations Center	R/T	Real Time
NASA	National Aeronautics and Space Administration	SAA	South Atlantic Anomaly
NOAA	National Oceanic and Atmospheric Administration	S/C	Spacecraft
NPG	NASA Procedure and Guideline	SDO	Solar Dynamics Observatory
NSF	National Science Foundation	SEC	Sun-Earth Connection
NSTA	National Science Teachers Association	SEE	Single Event Effect
		SEU	Single Event Upset
		SET	Space Environment Testbed





Acronyms (cont.)

SOC	Science Operations Center
SOHO	Solar and Heliospheric Observatory
SOI	Silicon on Insulator
SONAR	Solar Near-Surface Active Region Rendering
SORCE	Solar Radiation and Climate Experiment
S/S	Subsystem
STEREO	Solar Terrestrial Relations Observatory
STP	Solar Terrestrial Probes
TBS	To Be Specified
TIMED	Thermosphere Ionosphere Mesosphere Energetic Dynamics
TOO	Targets of Opportunity
TRL	Technology Readiness Level
USAF	United States Air Force
ULF	Ultra-Low Frequency
UV	Ultraviolet
VHF	Very High Frequency
VLF	Very Long Frequency

